

MICHIGAN DEPARTMENT OF NATURAL RESOURCES

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US EPA RECORDS CENTER REGION 5



472960

INTEROFFICE COMMUNICATION

AUG 24 1977

DISTRICT 3
WATER QUALITY DIV.

To: Karl Zollner & Chet Harvey ✓
From: Gary Boersen, Point Source Studies
Date: August 18, 1977

Subject: Michigan Standard Alloys,
Zinc Division, Benton Harbor

A grab sample was collected of the discharge at the referenced location on June 28, 1977. The visit was made as a result of a planned survey, but a file search indicated that the contact cooling water had been changed to a closed loop system. At the time of the sampling, the zinc production line on which the closed loop was installed was not operating. Below are the results of the samples collected:

<u>Date</u>	<u>Time</u>	<u>Oil</u> mg/l	<u>Zinc</u> mg/l	<u>1242 PCB</u> ug/l	<u>1254 PCB</u> ug/l	<u>1260 PCB</u> ug/l
6-28-77	1045	< 1	20	< 0.1	< 0.1	< 0.1

The zinc concentration is down from the time the last survey was conducted on March 27, 1973 when 1.3 mg/l of zinc was found in the discharge. Wastewater discharged at the time of sampling was estimated to be 50 gpm. Further sampling should be conducted when the zinc line is under production to insure no discharge from the line is occurring.

GB:mm

cc: R. Christensen